

**VIDEO PROCESSING**

**ABSTRACT OF THE DISCLOSURE**

In an encoding process, video data are represented as a  
bitstream of quantized base data and enhancement data, which  
5 capture the difference between a quantized base video picture  
and an original unquantized input video picture. Due to  
bandwidth constraints on a communication channel, it may be  
unfeasible to transmit all enhancement data. During the  
encoding process, the enhancement data may be divided into  
10 "layers" based upon bandwidth restrictions. Following  
transmission, the layers are recombined and are added to the  
base data by a decoder, producing a viewable video sequence.

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